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ABB81807 standard; peptide; 5 AA
                                                                                                                                                                                                                                                                                                                                                                                                                              (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                               23-SEP-2002
                                                                                                                                                                                                                                                                                                                                                                                                   ABB81807;
                                                                                                                                                                                                                                                                                                                                           RESULT 1
                                                                                                                                                                                                                                                                                                                                                         ABB81807
                                                                                   November 6, 2004, 19:23:00; Search time 62.6562 Seconds (without alignments) 28.627 Million cell updates/sec
                                                                                                                                                                                                                                                                         2002273
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                             2002273 seqs, 358729299 residues
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Maximum Match 100%
Listing first 45 summaries
                                                         using sw model
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Gapop 10.0 , Gapext 0.5
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Maximum DB seq length: 200000000
                                                                                                                                             US-10-618-644-5
27
                                                        - protein search,
                                                                                                                                                                       1 TPRVF 5
                                                                                                                                             Title:
Perfect score:
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                                                         OM protein
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Description	Abb81807 Soybean a	Aar13594 Angiotens	6		8	'n	Abb31563 Peptide #		Aam69928 Human bon	Human		Aam05410 Peptide #		Aag22500 Arabidops	Aam81712 Human hae	7	Aau58073 Propionib		Aag22499 Arabidops	-	Arabid	Aam81529 Human hae	Aam81079 Human hae	Aam81657 Human hae	Aam81175 Human hae
ID	ABB81807	AAR13594	AAB64509	AAM17754	ABB36778	AAM30265	ABB31563	ABB22104	AAM69928	AAM57526	ABG51626	AAM05410	ABG39558	AAG22500	AAM81712	AAM81457	AAU58073	ABM54592	AAG22499	AAO03893	AAG22498	AAM81529	AAM81079	AAM81657	AAM81175
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Length	S	7	14	49	49	49	49	49	49	49	49	49	49	65	70	70	105	105	106	112	113	115	115	115	115
% Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Score	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
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###OFOHOO441	Abo68987 Pseudomon Adc31181 Human nov Adm04333 Human pro
AAOOO557 ADK34674 ADK34674 AAC32883 AAB069215 ABP993115 AAC93005 AAC93005 AAC9122 AAC9122 AAC9122 AAC9153 AAC04521 AAC04521 AAC04521 AAC04520 AAC04520	ABO68987 ADC31181 ADM04333
4 N C U 4 Q Q 4 C M M M M M M M M M	
143 167 186 206 207 207 217 275 275 275 275 275 316 316 316 337 347	362 376 376
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2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 4 4 6 4 4 5

ALIGNMENTS

ö The invention relates to a novel set of peptides and their salts. The peptides of the invention have hypotensive activity. The peptides are used as hypotensive agents or in health foods, and have favourable taste. The present sequence represents a peptide of the invention, having angiotensin converting enzyme inhibitory activity Gapa Soybean; angiotensin converting enzyme inhibitor; hypertension; hypotensive; taste. ö Soybean angiotensin converting enzyme inhibitory peptide #5. Peptides, useful as hypotensive agents or in health foods. Query Match

100.0%; Score 27; DB 5; Length 5;
Best Local Similarity 100.0%; Pred. No. 1.7e+06;
Matches 5; Conservative 0; Mismatches 0; Indels Claim 1; Page 19; 43pp; Japanese. 16-JAN-2001; 2001JP-00007400. 04-OCT-2001; 2001JP-00308974. 15-JAN-2002; 2002WO-JP000194. (AJIN) AJINOMOTO CO INC. WPI; 2002-520117/55. Kodera T, Nio N; WO200255546-A1. Sequence 5 AA; Glycine max. 18-JUL-2002.

1 TPRVF 5

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Komatsoulis GA;

99US-0138628P.

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Isolated nucleic acid molecule encoding a human secreted protein is used in preventing, treating or ameliorating a medical condition.
                                                                        01-JUN-2000; 2000WO-US014926.
                                                                                                                   (HUMA-) HUMAN GENOME SCI INC
                                                                                                                                         Rosen CA, Ruben SM,
                                                                                                                                                              WPI; 2001-025337/03
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      cervical cancer.
                              WO200077255-A1
                                                                                               11-JUN-1999;
         Homo sapiens.
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%$GGGGGGGGGGGGGGGGGGGGGGGGG
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                                                                                                                                                                                                                                                                                                                                                                                                 The peptide and its salts can be used to effectively inhibit the activity of angiotensin converting enzyme. It can be administered as food, since it is safe and free from side effects, being isolated from soy bean protein. It has a mild decreasing effect on blood pressure and may also be used to prevent hypertension. See also AAR13595. (Updated on 25-MAR-2003 to correct PA field.)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human; secreted protein; diagnosis; immunosuppressive; antiarthritic; antirheumatic; antiproliferative; cytostatic; cardiant; vasotropic; cerebroprotective; nootropic; neuroprotective; antibacteerial; virucide; fungicide; ophthalmological; autoimmune disease; rheumatoid arthritis; hyperproliferative disorder; neoplasm; cardiovascular disorder; ardiovascular disorder; cerebrovascular disorder; cerebrovascular disorder; cerebron; angiogenesis; nervous system disorder; Alzheimer's disease; skin aging; ocular disorder; corneal infection; wound healing; food additive;
                                                                                                                                                                                                                                                                                                                                 Angiotensin converting enzyme inhibitory substance - comprises hexa and hepta:peptide(s) isolated from soy bean protein, used for treating hypertension as food prod.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gapa
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gene 25 human secreted protein homologous amino acid sequence #147.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 7;
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                                                                                                                                Angiotensin converting enzyme inhibitory heptapeptide.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 27; DB 2; L6
100.0%; Pred. No. 1.7e+06;
wismarches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAB64509 standard; protein; 14 AA.
                                                        AAR13594 standard; peptide; 7 AA
                                                                                                                                                                                                                                                                                                                                                                                    Claim 1; Page 1; 9pp; Japanese.
                                                                                                                                                                                                                                                 89JP-00303294
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                                                                                                    (revised)
(first entry)
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Matches 5; Conservative
                                                                                                                                                           Hypertension; soy bean.
                                                                                                                                                                                                                                                                                             (NORQ ) NORINSHO KK.
                                                                                                                                                                                                                                                                                                                WPI; 1991-256668/35.
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   1 TPRVF
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                                                                                                    25-MAR-2003
01-NOV-1991
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                                                                                                                                                                                  Glycine max
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                                                                                AAR13594;
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                                     RESULT 2
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The polymucleoride sequences given in Aar32699 to AAR5447 to thuman secreted proteins given in ABB64470. AAB64471 to AAB64548 represent human secreted polypoptide sequences and proteins have activities based on the tissues invention. Human secreted proteins have activities based on the tissues and invention. Human secreted proteins have activities based on the tissues and invention. Human secreted proteins have activities based on the tissues and relation. Human secreted proteins have activities include:

Comparation from the search of the prosessed in Examples of activities include:

Comparation from the polymucleotides and polypeptides can be used to ophthalmological. The polymucleotides and polypeptides can be used to ophthalmological. The polymucleotides and polypeptides can be used to ophthalmological condition in success of the prevent treated include in diagnosing a pathological condition or susceptibility to a treat condition. Disorders which are diagnosed or treated include autoimmune diseases e.g. rheumatoid arthritis, hyperproliferative disorders e.g. neoplasms of the breast or liver, cardiovascular disorders of anglogenesis, nervous system disorders e.g. Alzheimer's disease.

Comparing and epithelial cell proliferation, to prevent skin aging due to subburn, to maintain organs before transplantation for supporting cell culture of primary tissues, to regenerate tissues and in chemotaxis. The culture of primary tissues, to regenerate tissues and in chemotaxis. The culture of primary tissues, to regenerate tissues and in chemotaxis. The culture of primary tissues, to regenerate tissues and in chemotaxis. The culture of primary tissues, to regenerate tissues and in chemotaxis. The followed as a food additive or preservative to increase or decrease storage capabilities. AAF32690 to AAF32698 and the angent of the present in the exemplification of the present
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                                                                                encode the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Probe; human; microarray; gene expression; cervical epithelial cell;
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                                                                           polynucleotide sequences given in AAF32699 to AAF32747
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Disclosure; Page 564; 593pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAM17754 standard; protein; 49 AA.
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Best Local Similarity
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Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human placenta.
                                                                                                                                                                                                                          The invention relates to a single exon nucleic acid probe for measuring human gene expression in a sample derived from human foetal liver. The single exon nucleic acid probes may be used for predicting, measuring and displaying gene expression in samples derived from human fetal liver. The present sequence is a peptide encoded by a single exon nucleic acid probe of the invantion. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                     Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human fetal liver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Peptide #4302 encoded by probe for measuring placental gene expression.
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                                                                                                                                                                                                Claim 27; SEQ ID NO 29413; 639pp + Sequence Listing; English.
                                                                                                                                                                                                                                                                                                                                                                                        4; Length 49
                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 27; DB
100.0%; Pred. No. 66;
ive 0; Mismatches
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                                                                                                Chen W, Rank DR,
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30-JUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-00632566.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-023559P.
04-OCT-2000; 2000GB-00024263.
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                                                                     (MOLE-) MOLECULAR DYNAMICS INC
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            21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0236359P.
04-OCT-2000; 2000GB-00024263.
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03-AUG-2000; 2000US-00632366
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                                                                                                                                                                                                                                                                                                                                                                                                                        5; Conservative
                                                                                                Penn SG, Hanzel DK,
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                                                                                                                             WPI; 2001-483447/52
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TPRVF 23
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                                                                                                                                                                                                                                                                                                                                                                Sequence 49 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                         The present invention relates to human single exon nucleic acid probes (SENP: see AAI10068-AAI28459). The present sequence is a peptide encoded by one such probe. The SENPs are derived from human Hela cells. The SENPs can be used to produce a single exon microarray, which can be used for measuring human gene expression in a sample derived from human cervical epithelial cells. By measuring gene expression, the probes are therefore useful in grading and/or staging of diseases of the cervix, notably cervical cancer. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                   Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human cervical epithelial cells.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                               Claim 27; SEQ ID NO 22580; 487pp; English
                                                                                                                                                                                                                                                                             Chen W, Rank DR;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ABB36778 standard; peptide; 49 AA.
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26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00608408.
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21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0236359P.
04-OCT-2000; 2000GB-00024263.
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2000US-00608408.
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                                             WO200157278-A2:
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                                                                                                                                                26-MAY-2000;
30-JUN-2000;
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                                                                                                                                   04-FEB-2000;
                   Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            New spatially-addressable set of single exon nucleic acid probes, useful for measuring gene expression in sample derived from human breast, comprises number of single exon nucleic acid probes.
                                 The present invention relates to single exon nucleic acid probes (SENP: see AAI31315-AAI57546). The present sequence is a peptide encoded by one such probe. The probes are useful for producing a microarray for predicting, measuring and disaplaying gene expression in samples derived from human placenta. The probes are useful for antenatal diagnosis of
                                                                                                                                                                                                                                                                                                                                                                                                    Human; microarray; single exon probe; gene expression; breast; disease;
                                                                                                                                                                                Gaps
                                                                                                                                                                                                                                                                                                                                                                           Peptide #4214 encoded by breast cell single exon nucleic acid probe.
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                                                                                                                                                        4; Length 49;
                                                                                                                                                                                 0; Indels
                                                                                                                                                         100.0%; Score 27; DB 100.0%; Pred. No. 66;
                                                                                                                                                                                   0; Mismatches
              Claim 27; SEQ ID NO 30534; 654pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Chen W, Rank DR;
                                                                                                                                                                                                                                                                                                     ABB31563 standard; peptide; 49 AA.
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30-JUN-2000; 2000US-0608408.
03-AUG-2000; 2000US-00632366.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0236359P.
04-OCT-2000; 2000GB-00024263.
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                                                                                                                                                                                                                                                                                                                                                       (first entry)
                                                                                                                                                          Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
                                                                                         from human placenta. The human genetic disorders
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WPI; 2001-496933/54.
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                                                                                                                                  Sequence 49 AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens.
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The present invention relates to single exon nucleic acid probes for measuring human gene expression in a sample derived from human heart (see MARALISS-ARAMAIOS). The present sequence is a protein encoded by one such probe. The probes may be used for predicting, measuring and displaying gene expression in samples derived from the human heart via microarrays. By measuring gene expression, the probes are useful for predicting, diagnosing, grading, staging, monitoring and prognosing diseases of the human heart and vascular system e.g. cardiovascular disease, Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at ftp.wipo.int/published_pct_sequences
                                                                                                                                                                                                                                                                                                                                                       ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Protein #4103 encoded by probe for measuring heart cell gene expression.
gene expression, with far less bias than expressed sequence tag microarrays. The method is suitable for rapid production of functional information from genomic sequence. The present sequence is a peptide encoded by a single exon nucleic acid probe of the invention. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO
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                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                   4; Length 49;
                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                100.0%; Score 27; DB 100.0%; Pred. No. 66; iive 0; Mismatches
                                                                                                                                                                                at ftp.wipo.int/pub/published_pct_sequences
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30-UUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-0053366.
21-SEP-2000; 2000US-0234667P.
27-SEP-2000; 2000US-0234567P.
04-OCT-2000; 2000GB-00024263.
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2000US-00608408.

2000US-00632366.

2000US-0234687P.

2000US-0236359P.
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Matches 5; Conserv
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Matches

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probes which are derived from genomic sequences expressed in the human brain. They can be used to measure gene expression in brain cell samples, which may enable the diagnosis and improved treatment of nervous system diseases such as Alzheimer's disease, multiple sclerosis, schizophrenia, epilepsy and cancers. The present sequence is a protein encoded by one of the probes of the invention
                                                                                         Human; brain expressed exon; gene expression analysis; probe; microarray;
Alzheimer's disease; multiple sclerosis; schizophrenia; epilepsy; cancer.
                                                             Human brain expressed single exon probe encoded protein SEQ ID NO: 29631.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Single exon nucleic acid probes for analyzing gene expression in human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               The present invention provides a number of single exon nucleic acid
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100.0%; Pred. No. 6
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30-JUN-2000; 2000US-00608408.
03-MUG-2000; 2000US-0053468PS-
21-SEP-2000; 2000US-023468PS-
27-SEP-2000; 2000US-0236359P.
                                                                                                                                                                                                                                        30-JAN-2001; 2001WO-US000667
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                                                                                                                                               ношо варіепв
                                                                                                                                                                                                                                                                        04-FEB-2000;
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                                 05-NOV-2001
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AAM57526;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              single exon nucleic acid probes useful for analyzing
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                                                                  Gape
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            present invention provides a number of single exon nucleic acid
                                                                                                                                                                                                                                                                                                                                       Human, bone marrow expressed exon, gene expression analysis, probe,
microarray, cancer, leukaemia, lymphoma, myeloma.
                                                                                                                                                                                                                                                                                                         Human bone marrow expressed probe encoded protein SEQ ID NO: 30234
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                                 100.0%; Score 27; DB 4; Length 49; 100.0%; Pred. No. 66;
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                                                                  0; Mismatches
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26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00631366.
33-AUG-2000; 2000US-0063136.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0234687P.
44-OCT-2000; 2000US-0234687P.
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                                                                                                                                                                                                                                                                           (first entry)
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                                                                    Conservative
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                                              Local Similarity
nes 5; Conserv
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      Seguence 49
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                                    Query Match
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AAM57526 ID AAM5 XX

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Human peptide encoded by genome-derived single exon probe SEQ ID 29223.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABG39558 standard; peptide; 49 AA.
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30-JUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-00533462346.
21-SEP-2000; 2000US-0234687P.
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                                                                              Hanzel DK,
                                                                                                       WPI; 2001-476286/51
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                                                                                                                                                    a human breast.
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                                                                              Penn SG,
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                                                                                                                                                                                                                                                                                                   The invention relates to a single exon mucleic acid probe (SENP) (I) for measuring human gene expression in a sample derived from human adult liver, comprising one of 13109 defined nucleotide sequences given in the specification (or complements/ fragments). The probe hybridises at high stringency to a nucleic acid molecule expressed in the human adult liver. (I) may be used for predicting, measuring and displaying gene expression in samples derived from human adult liver. The genes identified may be involved in genetic liver diseases such as cirrhosis, hyperlipoproteinaemia, hyperlipidaemia and hypercholesterolaemia which is associated with coronary heart disease. ABG97348-ABG59301 represent human liver single exon encoded peptides of the invention. Note: The sequence information for this patent does not appear in the printed specification but was obtained, in electronic format directly from WIPO at
                                                                                                                                                                                                                                  Human genome-derived single exon nucleic acid probes useful for analyzing gene expression in human adult liver.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Probe; human; breast disease; breast cancer; development disorder; inflammatory disease; proliferative breast disease; non-carcinoma tumour.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Peptide #4092 encoded by probe for measuring breast gene expression.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 27; DB 4; Length 49; 100.0%; Pred. No. 66;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                Claim 27; SEQ ID NO 30274; 658pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             tp.wipo.int/pub/published_pct_sequences
                                                                                                                                                                                   Chen W, Rank DR;
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                                                       26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-00608408.
03-AUG-2000; 2000US-00532366.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0236559P.
04-OCT-2000; 2000GB-00024263.
                                                                                                                                                       (MOLE-) MOLECULAR DYNAMICS INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  04-FEB-2000; 2000US-0180312P.
26-MAY-2000; 2000US-0207456P.
30-JUN-2000; 2000US-0060840B.
03-AUG-2000; 2000US-00632366.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           29-JAN-2001; 2001WO-US000661
                30-JAN-2001; 2001WO-US000664
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                                                                                                                                                                                    Hanzel DK,
                                                                                                                                                                                                               WPI; 2001-488898/53
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19 TPRVF 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            09-OCT-2001
                                             04-FEB-2000;
26-MAY-2000;
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                                                                                                                                                                                    Penn SG,
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Matches
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Gee AA10010-AA110067). The present sequence is a peptide encoded by one such probe. The probes are useful for measuring human gene expression in a human breast sample, where the probe hypridises at high stringency to a nucleic acid expressed in the human breast. The probes are useful for predicting, diagnosing, grading, staging, monitoring and prognosing diseases of the human breast, particularly those diseases with polygenic actiology. The diseases include: breast cancer, disorders of development inflammatory diseases of the breast, fibrocystic changes, proliferative breast disease and non-carcinoma tumours. Note: The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at [Ep.wipo.int/published_pct_sequences]
                                                                                                                                                                                                                                                                                                                                                                                 Novel single exon nucleic acid probe used to measuring gene expression in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Claim 27; SEQ ID NO 14150; 322pp; English
                                                                                                                                                                                                                                       Chen W, Rank DR;
                                                                                                                                                          (MOLE-) MOLECULAR DYNAMICS INC.
21-SEP-2000; 2000US-0234687P.
27-SEP-2000; 2000US-0236359P.
04-OCT-2000; 2000GB-00024263.
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Best Local Similarity
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22-JUN-1999
The invention relates to a spatially-addressable set of single exon nucleic acid probes for measuring gene expression in a sample derived from thuman lung comprising single exon nucleic acid probes for measuring seno nucleic acid probes for the 12819 open reading frames derived from the 1261 complements or the 12819 open reading frames derived from the 1261 probes. Also included are a marcoarray comprising the novel set of probes which bybridies at high stringency to a nucleic acid expressed in the human lung; measuring gene expression in a sample derived from human lung; measuring gene expression in a sample collection of detectably labeled nucleic acids derived from human lung mana, and (b) measuring the label detectably bound to each probe of the array, dentifying exons in a eukaryotic genome, comprising (a) array, dentifying exons in a eukaryotic genome, comprising (a) array, dentifying exons in a eukaryotic genome, comprising (a) adetifying exons to a single exon probe, having a fragment identical to the predicted exon, the probe is included in the above mentioned microarray, assigning exons to a single exon probe, having a fragment identifying the expression of each of the exons in several tissues and/or call types using hybridiation to a single exon microarrays having a probe with the exon, where a common pattern of expression of the exons in the tissues and/or call types using hybridiation to a single exon microarrays having a probe with the exon, where a common pattern of expression of the exons in the stissues and/or call types using hybridiation to a single exon microarrays having a probe with the exon, where a common pattern of expression of the exons in the tissues and/or call types using hybridiation to a single exon microarrays having a probe with the exon, where a common pattern of the exons should be assigned to a single year, a perticularly using human lung derived many in the specification, or encoded by the probes/open reading frames (ORF). The probes are used for gene expression of the synd
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                                                                                                                         Spatially-addressable set of single exon nucleic acid probes, used to
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                                                                                                                                         measure gene expression in human lung samples.
                                                                                                                                                                   Claim 27; SEQ ID NO 29223; 634pp; English.
                                                                     Chen W, Rank DR;
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                                        (MOLE-) MOLECULAR DYNAMICS INC.
27-SEP-2000; 2000US-0236359P. 04-OCT-2000; 2000GB-00024263.
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                                                                   Hanzel DK,
                                                                                               WPI; 2002-114183/15.
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Best Local Similarity
Matches 5, Conserv
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Protein identification; signal transduction pathway; metabolic pathway; hybridisation assay; genetic mapping; gene expression control; promoter; termination sequence.
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99US-0123548P.
99US-0125788P.
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99US-0127462P
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                                                         Arabidopsis thaliana
                                                                                    EP1033405-A2.
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25-MAR-1999;
29-MAR-1999;
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11-MAY-1999;
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03-JUN-1999
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19-APR-1999
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PR 23.-JUN-1999; 99US-01406354P.
PR 24.-JUN-1999; 99US-01406354P.
PR 26.-JUN-1999; 99US-01406324P.
PR 30.-JUN-1999; 99US-01406324P.
PR 30.-JUN-1999; 99US-0141287P.
PR 30.-JUN-1999; 99US-0141287P.
PR 01.-JUL-1999; 99US-0142801P.
PR 02.-JUL-1999; 99US-0142872P.
PR 12.-JUL-1999; 99US-0142801P.
PR 12.-JUL-1999; 99US-0142872P.
PR 13.-JUL-1999; 99US-0144372P.
PR 22.-JUL-1999; 99US-014372P.
PR 22.-JUL-1999; 99US-014508P.
PR 23.-JUL-1999; 99US-014508P.
PR 02-AUG-1999; 99US-014730P.
PR 13-AUG-1999; 99US-014730P.
PR 13-AUG-1999; 99US-014375P.
PR 13-AUG-1999; 99US-0143775P.
PR 23-AUG-1999; 99US-0153334P.
PR 23-AUG-1999; 99US-0153344P.
PR 23-AUG-199
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Gaps
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haematological malignancy; antigen; chronic lymphocytic leukaemia;
follicular lymphoma; Hodgkin's lymphoma; non-Hodgkin's lymphoma.
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ilarity 100.0%; P1
Conservative 0;
9908-0151438P.
9908-0151302P.
9908-0151302P.
9908-015203P.
9908-0153758P.
9908-0154039P.
9908-0154039P.
9908-0155139P.
9908-015513P.
9908-0155658P.
9908-0155658P.
9908-0155658P.
9908-0155658P.
9908-0155658P.
9908-015923P.
9908-015933P.
9908-01698P.
9908-016038P.
9908-016038P.
9908-016135P.
9908-016135P.
9908-016135P.
9908-016136P.
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Best Local Similarity
Matches 5; Conserv
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21 TPRVF 25
      31-AUG-1999; 01-SEP-1999; 07-SEP-1999; 10-SEP-1999; 16-SEP-1999; 16-SEP-1999; 16-SEP-1999; 16-SEP-1999; 22-SEP-1999; 22-SEP-1999; 23-SEP-1999; 04-OCT-1999; 04-OCT-1999; 13-OCT-1999; 13-OCT-1999; 14-OCT-1999; 14-OCT-1999; 14-OCT-1999; 21-OCT-1999; 21-OCT-1999; 22-OCT-1999; 22-OC
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Compositions and methods for the detection of hematological malignancies, e.g. chronic lymphocytic leukemia, lymphoma, follicular lymphoma and Hodgkin's and T/B cell non-Hodgkin's lymphoma.
                                                                                                                                                                                                                                                                                        Claim 1; Page 1072-1073; 1252pp; English
                                                                                                                                                                                                         Gaiger A, Algate PA, Mannion J;
                                                      01-MAR-2000; 2000US-0186126P.
17-MAR-2000; 2000US-0190479P.
28-APR-2000; 2000US-0200545P.
28-APR-2000; 2000US-0200303P.
28-APR-2000; 2000US-0200999P.
04-MAY-2000; 2000US-0202099P.
04-MAY-2000; 2000US-0206201P.
14-JUL-2000; 2000US-0218950P.
04-AUG-2000; 2000US-0222903P.
04-AUG-2000; 2000US-0222903P.
                                      01-MAR-2001; 2001WO-US007272
                                                                                                                                                                                       (CORI-) CORIXA CORP.
                                                                                                                                                                                                                             WPI; 2001-514842/56.
 WO200164886-A2.
                   07-SEP-2001
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The present invention relates to compositions and methods for the detection, diagnosis and therapy of haematological malignancies. The present sequence is the protein sequence of a human haematological malignancy related antigen. The methods of the present invention comprise detecting the presence of haematological malignancy related antigen (so polypeptide, compared to an unaffected individual, is indicative of an increased risk). Haematological malignancies which can be treated using increased risk). Haematological malignancies which can be treated using follicular lymphoma, Hodgxin's lymphoma, noredynoma, non-Hodgxin's lymphoma and T/B cell non-Hodgxin's lymphoma and T/B

Best Local Similarity 100. Matches 5; Conservative 11111 54 TPRVF 58 1 TPRVF 5

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Sequence 70 AA;

Query Match

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Gaps ö

100.0%; Score 27; DB 4; Length 70; 100.0%; Pred. No. 95; 0; Indels ive 0; Mismatches 0; Indels

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